

(19) World Intellectual Property
Organization
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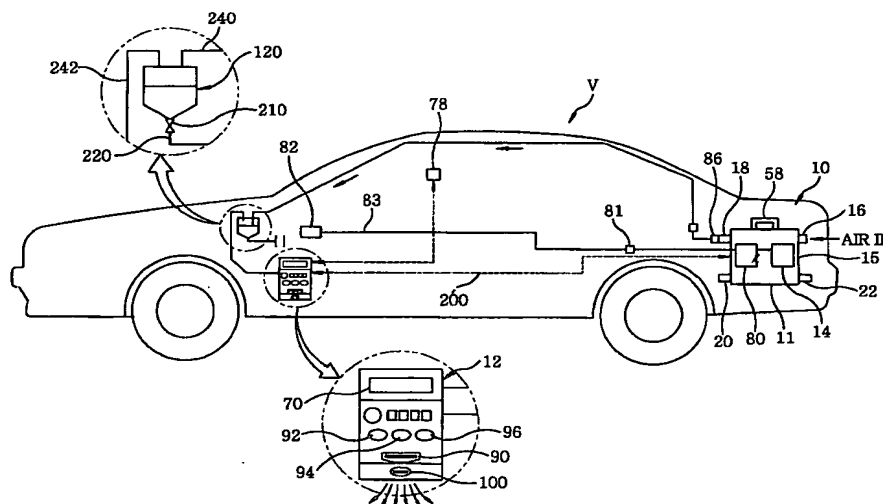
(43) International Publication Date
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number
WO 2004/089669 A1

- (51) International Patent Classification⁷: **B60H 3/00**
- (21) International Application Number:
PCT/KR2004/000841
- (22) International Filing Date: 12 April 2004 (12.04.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
20-2003-0011188 11 April 2003 (11.04.2003) KR
20-2003-0030683
29 September 2003 (29.09.2003) KR
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: OXYGEN-RICH GAS SUPPLYING APPARATUS PROVIDED WITH A CONDENSATE REMOVAL UNIT



(57) Abstract: An apparatus for supplying an oxygen-rich gas includes an oxygen-rich gas generating device for generating an oxygen-rich gas; and a condensate removal unit for removing condensates occurring in a transfer line from the oxygen-rich gas. The condensate removal unit has an inlet, an outlet and a drain port and the transfer line is connected to the inlet of the condensate removal unit. The drain port is closed by a solenoid valve which is selectively opened to discharge condensates collected in the condensate removal unit by an electric power applied thereto. A controller controls operations of the oxygen-rich gas generating device and the solenoid valve. The condensate removal unit contains a moisture filter for filtering off moisture in the oxygen-rich gas in a flowing path of the oxygen-rich gas. The moisture filter is formed with a multiplicity of pores by sintering polyethylene powder.